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ABSTRACT OF THE DISCLOSURE

The disclosure relates, in particular to an evaporating air conditioner for cabins of vehicles or the similar comprising an evaporation chamber provided with a water mister arranged therein and an injector for injecting air into said evaporation chamber in such a way that it is directed towards the cabin by an air output and passes through at least one humid filter. The inventive air conditioner includes deflectors converging said injected air and said water mist towards a runoff mounted near said humid filter in such a way that water droplets produced from said water mist are directed towards the filter surface which is oriented inside of the evaporation chamber and flow thereon.